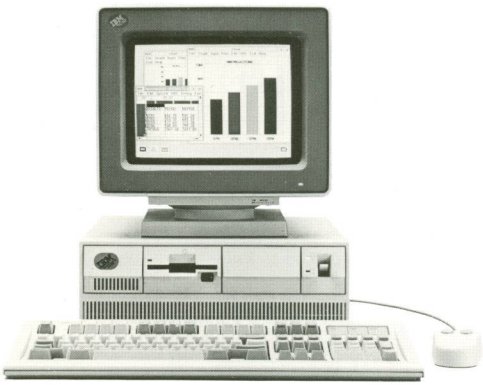
Right for today,
ready for tomorrow

IBM Personal System/2: Facts and Features



IBM

Use this handy reference to make quick comparisons of Personal System/2® models—and check their options, too. It presents basic facts and features—as well as attachment cards and enhancement products—for the entire PS/2® family.

Personal System/2 model comparisons

Personal System/2 Model	25	30	30 286	5
Machine numbers	8525-001, -004, -G01, -G04[1]	8530-002, -021	8530-E01, -E21	85
Processor				
Type	8086	8086	80286	80
Speed (MHz)	8	8	10	10
Wait states	0	0	1	1
User memory (RAM)[3]				
Standard-maximum on system board	512Kb-640Kb	640Kb	0.5Mb-4Mb	1M
System maximum (addressable)	640Kb	640Kb	16Mb	16
Integrated functions				
Parallel/serial/pointing device ports	Yes	Yes	Yes	Ye
Graphics port	MCGA	MCGA	VGA	VG
Disk/diskette controllers	Yes	Yes	Yes	Ye
Clock/calendar	N/A	Yes	Yes	Ye
Security password	No	No	Yes	Ye
Expansion slots (available)	2[4]	3	3	3
Operating systems				
DOS 3.3 and DOS 4.0	Yes	Yes	Yes	Ye
Operating System/2™	No	No	Yes[5]	Ye
AIX™ Personal System/2	No	No	No	No
Diskette drives, 3.5-inch				
Capacity	720Kb	720Kb	1.44Mb	1.4
Quantity standard	1	2 (-002), 1 (-021)	1	1
Fixed disk storage				
Standard-maximum (Mb)	0-20	20 (-021)	20 (-E21)	20

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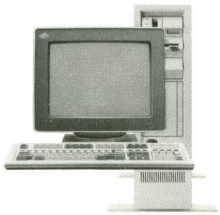
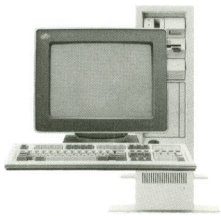
™ Operating System/2 and AIX are trademarks of International Business Machines Corporation.
[1] Also available as LAN Station Models 25-L01 and -L04.
[2] Except -A21 with 64Kb memory cache.
[3] 128Kb of this memory is reserved for hardware system use on Models 70 386, 80-111 and -311.
[4] One full-size, one 8-inch.
[5] Standard Edition 1.1 or Extended Edition 1.1 (entry configurations only).





50	50 Z	60	70 386	80 386
8550-021	8550-031, -061	8560-041, -071	8570-E61, -121, -A21	8580-041, -071, -111, -311
80286 10	80286 10	80286 10	80386 16 (-E61) 20 (-121) 25 (-A21)	80386 16 (-041, -071) 20 (-111, -311)
1	0	1	0-2[2]	1 (-041, -071) 0-2 (-111, -311)
1Mb 16Mb	1Mb-2Mb 16Mb	1Mb 16Mb	1Mb-6Mb (-E61) 2Mb-6Mb (-121) 2Mb-8Mb (-A21) 16Mb	1Mb-2Mb (-041) 2Mb (-071) 2Mb-4Mb (-111, -311) 16Mb
Yes VGA Yes Yes Yes	Yes VGA Yes Yes Yes	Yes VGA Yes Yes Yes	Yes VGA Yes Yes Yes	Yes VGA Yes Yes Yes
3	3	7	3	7
Yes Yes No	Yes Yes No	Yes Yes No	Yes Yes Yes	Yes Yes Yes
1.44Mb 1	1.44Mb 1	1.44Mb 1	1.44Mb 1	1.44Mb 1
20-60	30-60	44-88 (-041) 70-185 (-071)	60 (-E61) 120 (-121, -A21)	44-88 (-041) 70-384 (-071) 115-429 (-111) 314-628 (-311)

PS/2 enhancement products

Personal System/2 Model	25	30	30 286	50	50 Z	60	70 386	80 386
Device feature								
8087 Math Co-Processor	■	■						
80287 Math Co-Processor			■	■	■	■		
80387 Math Co-Processor							■	■
128Kb Memory Expansion	■							
2Mb Expanded Memory Adapter	■	■						
80286 Memory Expansion				■	■	■		
Multifunction Adapter			■					
0-8Mb Expanded Memory Adapter/A				■	■	■		
80386 Memory Expansion							■	■
2-8Mb 80386 Memory Expansion							■	■
3.5-inch 720Kb Diskette Drive	■							
3.5-inch 1.44Mb Diskette Drive			■	■	■	■	■	■
3.5-inch 20Mb Fixed Disk	■		■					
5.25-inch 44Mb Fixed Disk						■		■
3.5-inch 60Mb Fixed Disk				■	■			
5.25-inch 70Mb Fixed Disk						■		■
5.25-inch 115Mb Fixed Disk						■		■
5.25-inch 314Mb Fixed Disk								■
5.25" Internal Diskette Drive						■		■
5.25" External Diskette Drive (360Kb)	■	■	■	■	■	■	■	■
5.25" External Diskette Drive (1.2Mb)				■	■	■	■	■
PS/2 Data Migration Facility	■	■	■	■	■	■	■	■
6157 Tape Drive Adapter		■	■	■	■	■	■	■
Internal Tape Backup Unit				■	■	■	■	■
8503 Monochrome Display		■	■	■	■	■	■	■
8507 Monochrome Display			■	■	■	■	■	■
8512 Color Display		■	■	■	■	■	■	■
8513 Color Display		■	■	■	■	■	■	■
8514 Color Display		■	■	■	■	■	■	■
Display Adapter		■						
Display Adapter 8514/A				■	■	■	■	■
PS/2 Mouse	■	■	■	■	■	■	■	■
PC Music Feature	■	■	■					
PS/2 Speech Adapter	■	■	■					
Game Control Adapter	■	■	■					
Serial/Parallel Adapter	■	■	■					
300/1200 Internal Modem/A				■	■	■	■	■
Multi-Protocol Adapter/A				■	■	■	■	■
Dual Async Adapter/A				■	■	■	■	■
BSC Communications Adapter	■	■						
SDLC Communications Adapter	■	■	■					
5250 Emulation Adapter	■	■	■					
5250 Emulation Adapter/A				■	■	■	■	■
3270 Emulation Adapter	■	■	■					
3270 Connection				■	■	■	■	■
Display Station Emulation Adapter	■	■	■					
Display Station Emulation Adapter A				■	■	■	■	■
PC Network Adapter II	■	■	■					
PC Network Adapter II/A				■	■	■	■	■
PC Network Baseband Adapter	■	■	■					
PC Network Baseband Adapter/A				■	■	■	■	■
PC Network Adapter II Frequency 2	■	■						
PC Network Adapter II Frequency 3	■	■						
PC Network Adapter II/A Frequency 2				■	■	■	■	■
PC Network Adapter II/A Frequency 3				■	■	■	■	■
Token-Ring Network PC Adapter	■	■	■					
Token-Ring Network PC Adapter II	■	■	■					
Token-Ring Network Adapter/A				■	■	■	■	■
Token-Ring Network Trace and Performance Adapter II	■	■	■					
Token-Ring Network Trace and Performance Adapter II/A				■	■	■	■	■

Additional cards and options are available—consult your IBM marketing representative or IBM Authorized Dealer.

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